

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 19 APR 2005

International Publication No

PCT/EP 03/11637

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D239/26 H01L51/00 C09K11/06 H05B33/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D H01L C09K H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 948 551 A (R.GOMPPER ET AL.) 7 September 1999 (1999-09-07) column 1 -column 29	1
A	column 1 -column 29 ---	2,12-16
X	WO 02 02714 A (DU PONT DE NEMOURS) 10 January 2002 (2002-01-10) cited in the application	1
A	page 1 -page 4; claims the whole document ---	2,12-16
A	US 6 225 467 B1 (M.ESTEGHAMATIAN) 1 May 2001 (2001-05-01) cited in the application the whole document ---	1,2,12
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

15 January 2004

Date of mailing of the international search report

30/01/2004

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/11637

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	<p>PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06, 3 June 2003 (2003-06-03) & JP 2003 045662 A (KONICA CORP), 14 February 2003 (2003-02-14) abstract</p> <p>-----</p>	<p>1,2, 12-16</p>

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: -
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Present claim 1. relate to an extremely large number of possible compounds. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the pyrimidine compounds covered by claims 2 to 16.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11637

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5948551	A	07-09-1999	DE 4423098 A1	04-01-1996
			CN 1119644 A ,B	03-04-1996
			EP 0690052 A2	03-01-1996
			JP 8048972 A	20-02-1996
WO 0202714	A	10-01-2002	AU 7155001 A	14-01-2002
			CA 2411624 A1	10-01-2002
			CN 1449640 T	15-10-2003
			EP 1295514 A2	26-03-2003
			WO 0202714 A2	10-01-2002
			WO 03063555 A1	31-07-2003
			US 2002190250 A1	19-12-2002
			US 2003197183 A1	23-10-2003
			US 2002121638 A1	05-09-2002
US 6225467	B1	01-05-2001	NONE	
JP 2003045662	A	14-02-2003	NONE	